

Assignment

Date _____ Period _____

Solve each equation by completing the square.

1) $3x^2 + 12x - 9 = 0$

2) $5v^2 + 10v - 40 = 0$

3) $4x^2 + 16x + 7 = 0$

4) $2x^2 + 12x - 2 = 0$

5) $2x^2 - 16x - 7 = 0$

6) $3x^2 + 6x - 9 = 0$

7) $6x^2 - 12x - 18 = 0$

8) $8x^2 - 16x - 10 = 0$

9) $2k^2 - 16k + 14 = 0$

10) $3m^2 + 12m - 36 = 0$

11) $2m^2 + 12m + 2 = 0$

12) $3n^2 - 6n - 25 = 0$

13) $5x^2 - 10x + 2 = 0$

14) $2x^2 - 12x + 12 = 0$

15) $2n^2 - 16n - 59 = 0$

16) $2p^2 + 16p - 15 = 0$

17) $7n^2 + 14n - 56 = 0$

18) $3r^2 + 12r - 15 = 0$

19) $8n^2 + 16n + 6 = 0$

20) $2k^2 + 12k - 14 = 0$